

In the claims:

Please amend the claims as indicated below.

c) 1. (Amended) An adapter[for connecting an infrared data port to a radio
frequency data system,] comprising:
an infrared transceiver [for sending and receiving] to transmit and receive
information to and from [the] an infrared data port;
a radio frequency transceiver [for sending and receiving] to transmit and receive
information to and from [the] a radio frequency data system; and
a processor [in communication with] coupled to the infrared transceiver and the
radio frequency transceiver [for converting] to convert information
received from the infrared transceiver to a radio frequency format for
transfer to the radio frequency data system and [for converting] to convert
information received from the radio frequency transceiver to an infrared
format for transfer to the infrared data port.

2. (Amended) The adapter of claim 1, further comprising a buffer [for temporary
information storage] to provide temporary storage for information converted by
the processor.

3. (Amended) The adapter of claim 1, further comprising a power supply [in
communication with] coupled to the processor.

4. (Amended) The adapter of claim 1, wherein the infrared transceiver includes a
driver circuit [for sending] to transmit information to the infrared data port.

1 5. (Amended) The adapter of claim 1, wherein the infrared transceiver includes a
2 receiving circuit [for receiving] to receive information from the infrared data port.

1 6. (Unchanged) The adapter of claim 1, further comprising a housing.

1 7. (Amended) A system[for wirelessly connecting a computing device to a
2 network], comprising:
3 a computing device[;] including an infrared data port [connected to the computing
4 device, the infrared port configured to send] to transmit and receive information
5 to a radio frequency data system[, the radio frequency data system] in
6 communication with [the] a network [and configured to send and receive
7 information]; and

8 an adapter [configured] to transfer information between the infrared data port and
9 the radio frequency data system, the adapter including:

10 an infrared transceiver [for sending and receiving] to transmit and receive
11 information to and from the infrared data port;

12 a radio frequency transceiver [for sending and receiving] to transmit and
13 receive information to and from the radio frequency data system;

14 and

15 a processor [in communication with] coupled to the infrared transceiver

16 and the radio frequency transceiver [for converting] to convert

17 information received from the infrared transceiver to a radio

18 frequency format for transfer to the radio frequency data system

19 and [for converting] to convert information received from the radio

20 frequency transceiver to an infrared format for transfer to the
21 infrared data port.

1 8. (Unchanged) The system of claim 7, wherein the computing device is a portable
2 computer.

1 9. (Amended) The system of claim 7, wherein the adapter is physically [connects]
2 coupled to the computing device.

C 1 10. (Unchanged) The system of claim 7, wherein the adapter is a stand-alone unit
2 that communicates with the computing device over an infrared communication
3 link.

1 11. (Amended) The system of claim 7, wherein the adapter further comprises a
2 buffer [providing temporary information storage] to provide temporary storage
3 for information converted by the processor.

1 12. (Amended) The system of claim 7, wherein the adapter further comprises a
2 power supply[in communication with] coupled to the microprocessor.

1 13. (Amended) The system of claim 7, wherein the infrared transceiver includes a
2 driver circuit[for sending] to transmit information to the infrared data port.

1 14. (Amended) The system of claim 7, wherein the infrared transceiver includes a
2 receiving circuit[for receiving] to receive information from the infrared data port.

1 15. (Amended) An adapter [for connecting a plurality of computing devices having
2 infrared data ports to a radio frequency data system,] comprising:

3 [a plurality of] a first infrared [transceivers] transceiver [for sending and
4 receiving] to transmit and receive information to and from [the] a first of a
5 plurality of infrared data ports;
6 a second infrared transceiver to transmit and receive information to and from a
7 second of the plurality of infrared data ports;
8 a radio frequency transceiver [for sending and receiving] to transmit and receive
9 information to and from [the] a radio frequency data system; and
10 a processor [processing means in communication with] coupled to the [plurality
11 of] first and second infrared transceivers and the radio frequency
12 transceiver [for converting] to convert information received from the
13 [plurality of] first and second infrared transceivers to a radio frequency
14 format for transfer to the [radio frequency format for transfer to the]radio
15 frequency data system and [for converting] to convert information
16 received from the radio frequency transceiver to an infrared format for
17 transfer to at least one of the plurality of infrared data ports.

1 16. (Amended) A method for wirelessly connecting a computing device to a
2 network, comprising:
3 receiving information over an infrared communication link from a remote
4 computing device;
5 converting the information from an infrared format to a radio frequency format at
6 a processor; and
7 communicating the information to the network over a radio frequency link.

1 17. (Amended) A method for wirelessly connecting a computing device to a
2 network, comprising:
3 receiving information over a radio frequency communication link from the
4 network;
5 converting the information from a radio frequency format to an infrared signal at
6 a processor; and
7 communicating the information to the computing device over an infrared
8 communication link.

C 1 18. (Unchanged) The method of claim 17, wherein the radio frequency format
2 conforms to Bluetooth protocol.

1 19. (Unchanged) The method of claim 16, wherein the radio frequency format
2 conforms to Bluetooth protocol.

1 20. (Unchanged) The adaptor of claim 15, wherein the radio frequency data system
2 comprises Bluetooth.

1 21. (Unchanged) The adaptor of claim 15, wherein the adapter further comprises a
2 buffer to provide temporary information storage.

1 22. (Amended) A system comprising:
2 a [notebook computer] portable computing device having an infrared data port;
3 an IR (infrared) to RF (radio frequency) adapter communicatively coupled to the
4 infrared data port, the adapter having:
5 an infrared transceiver [for sending and receiving] to transmit and receive
6 information to and from the infrared data port;

7 a radio frequency transceiver [for sending and receiving] to transmit and
8 receive information to and from the radio frequency data system;
9 and
10 a processor [in communication with] coupled to the infrared transceiver
11 and the radio frequency transceiver [for converting] to convert
12 information received from the infrared transceiver to a radio
13 frequency format for transfer to the radio frequency data system
14 and [for converting] to convert information received from the radio
15 frequency transceiver to an infrared format for transfer to the
16 infrared data port; and
17 an RF data system communicatively coupled to the IR to RF adapter to receive
18 RF signals from the IR to RF adapter, and to transmit the RF signals to a
19 network.

1 23. (Unchanged) The system of claim 22, wherein the RF data system comprises a
2 Bluetooth system.
